

## Message Text

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ORIGIN OES-06

INFO OCT-01 NEA-10 ISO-00 EB-07 SS-15 ERDA-07 AID-05  
CEA-01 CIAE-00 CIEP-02 COME-00 DODE-00 FPC-01 H-02  
INR-07 INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-04 SP-02  
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INRE-00 /099 R

DRAFTED BY OES/NET/IM:MPROCHNIK  
APPROVED BY OES/NET/IM:DHOYLE  
EB/ORF/FSE - DWILSON  
D - R.POATS  
NEA/IRN - C.NAAS (IN SUBS)  
ERDA/IAI - H.JAFFE (IN SUBS)  
S/S - RGAMBLE

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O 112339Z JAN 77  
FM SECSTATE WASHDC  
TO AMEMBASSY TEHRAN IMMEDIATE

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PASS TO SCICOUN

E.O. 11652: NA

TAGS: TECH, ENGRY, IN

SUBJECT: NUCLEAR ENERGY COOPERATION: VISIT OF OAK RIDGE  
TEAM

REF: TEHRAN 198

1. PLEASE TRANSMIT FOLLOWING LETTER FROM DR. ALEXANDER  
ZUCKER TO DR. R. KHAZANEH AS SOON AS POSSIBLE.

BEGIN QUOTE: DEAR DR. KHAZANEH:  
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"I AM VERY PLEASED THAT THE ARRANGEMENTS FOR TRAINING OF  
IRANIAN SCIENTISTS AND ENGINEERS OF THE ESFAHAN NUCLEAR  
TECHNOLOGY CENTER AT OAK RIDGE ARE COMING CLOSE TO REALITY.  
AS YOU KNOW, PHILIP L. JOHNSON, EXECUTIVE DIRECTOR OF ORAU,  
DONALD B. TRAUGER, ORNL ASSOCIATE DIRECTOR FOR NUCLEAR AND  
ENGINEERING TECHNOLOGY, AND I, EXPECT TO BE VISITING IRAN

IN A FEW WEEKS. IN ORDER TO MAKE OUR VISIT AS EFFECTIVE AS POSSIBLE AND TO TRANSFER AS MUCH INFORMATION AS POSSIBLE BETWEEN OUR TWO GROUPS, IT MIGHT BE USEFUL TO SET OUT IN ADVANCE THE TOPICS FOR DISCUSSION, INFORMATION WE WILL BE BRINGING WITH US, AND QUESTIONS YOU MIGHT HAVE ABOUT OUR PROGRAM AND WE MIGHT HAVE CONCERNING YOUR PLANS AND REQUIREMENTS.

"WE WILL BE PREPARED TO DISCUSS IN DETAIL THE FOLLOWING TOPICS:

"(1) TRAINING COSTS BROKEN DOWN INTO CATEGORIES OF CLASSROOM INSTRUCTION, WORK EXPERIENCE TRAINING, AND STUDENT SERVICES.

"(2) THE LIVING ENVIRONMENT IN OAK RIDGE AND THE EAST TENNESSEE AREA AS WELL AS THE WORKING ENVIRONMENT AT THE LABORATORY.

"(3) THE TYPE OF COURSE WE EXPECT TO OFFER AND EXAMPLES OF PAST TRAINING COURSES AT ORAU. THE FINAL STRUCTURING OF THE CLASSROOM INSTRUCTION WILL DEPEND ON THE STUDENT'S REQUIREMENTS AND PREPARATION.

"(4) OPTIONS IN THE WORK EXPERIENCE TRAINING INCLUDING LENGTH OF TRAINING PERIODS, VARIETY, AND STANDARDS OF ACHIEVEMENT.

"IN ORDER TO OPTIMIZE THE TRAINING PROGRAM AT OAK  
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RIDGE, WE WOULD LIKE TO LEARN MORE ABOUT YOUR CENTER; IN PARTICULAR, WE ARE INTERESTED IN THE FOLLOWING:

"(1) WHAT ARE THE OBJECTIVES OF THE ESFAHAN NUCLEAR TECHNOLOGY CENTER?

"(2) WHAT IS THE ORDER OF PRIORITY IN REACHING THESE OBJECTIVES AND IN ESTABLISHING THE VARIOUS COMPONENTS?

"(3) WHAT IS THE TIME SCHEDULE IN WHICH THESE COMPONENTS WILL BE PUT IN PLACE?

"(4) WHAT ARE THE CAPITAL FACILITIES ENVISIONED FOR THE CENTER? WHAT RESEARCH EQUIPMENT IS BEING ORDERED AND WHAT IS THE EXPECTED TIME OF ITS ARRIVAL?

"(5) WHAT IS THE RELATIONSHIP BETWEEN THE CENTER AND THE IRANIAN UNIVERSITIES?

"(6) WE WOULD LIKE TO MEET WITH THE KEY SCIENTISTS INVOLVED IN ORGANIZING THE CENTER AND DISCUSS THE ABOVE POINTS WITH THEM.

"(7) IT WILL BE VERY HELPFUL TO LEARN SOMETHING ABOUT THE PROSPECTIVE TRAINEES WHO WILL BE SENT TO OAK RIDGE. WHAT IS THEIR TECHNICAL BACKGROUND, THEIR PROFICIENCY IN ENGLISH? WHAT POSITIONS WILL THEY BE TRAINED FOR?

"(8) DO YOU EXPECT THIS TRAINING PROGRAM TO BE CONCLUDED WITH THE COMPLETION OF THE FIRST TWO-YEAR CLASS, OR DO YOU EXPECT IT TO CONTINUE? IF SO, FOR HOW LONG AND AT WHAT LEVELS?

"(9) ARE THERE OTHER TRAINING PROGRAMS FOR THE ENTC STAFF AT OTHER LOCATIONS AND HOW DOES OUR EFFORT RELATE TO THEM?

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"(10) WHO DETERMINES A SPECIFIC TRAINING PROGRAM FOR A TRAINEE AND IN HOW MUCH DETAIL? HOW MUCH FREEDOM DOES A TRAINEE HAVE TO CHOOSE HIS RESEARCH FIELD IN OAK RIDGE?

"BEYOND THAT, WE LOOK FORWARD TO DISCUSSING WITH THE PROSPECTIVE TRAINEES THEMSELVES THEIR INTERESTS AND EXPECTATIONS FOR THE CLASSROOM INSTRUCTION, WORK EXPERIENCE TRAINING, AND TUTORIAL SERVICES.

"THERE ARE SEVERAL ADMINISTRATIVE QUESTIONS THAT SHOULD BE DISCUSSED, AND FOR WHICH WE ARRIVE AT PROCEDURAL SOLUTIONS DURING OUR VISIT. THESE INCLUDE:

- (A) HOUSING REQUIREMENTS,
- (B) SCHOOL REQUIREMENTS,
- (C) CULTURAL, DIETARY OR RELIGIOUS REQUIREMENTS INCLUDING ALTERED WORK WEEK,
- (D) RESPONSIBILITY FOR MEDICAL CARE OF PARTICIPANTS AND FAMILIES,
- (E) TRANSPORTATION,
- (F) ASSIGNMENT OF RESPONSIBILITY WITHIN GROUP OF PARTICIPANTS.

"IT WOULD BE USEFUL FOR US TO VISIT THE ENTC SITE AND THE UNIVERSITY OF ESFAHAN, AS YOU NO DOUBT EXPECT TO HAVE FAIRLY CLOSE INTERACTION BETWEEN THE ENTC AND THIS UNIVERSITY.

"WE WOULD BE GRATEFUL IF, IN ARRANGING THE AGENDA FOR OUR VISIT, YOU COULD CONSIDER THE EFFECT OF THE TIME CHANGE ON OUR GROUP. WE WOULD BE MORE EFFECTIVE IF NO FORMAL

ACTIVITY WERE SCHEDULED FOR OUR FIRST FULL DAY THERE. IF TIME RUNS SHORT AND WE FIND THAT WE HAVE NOT COMPLETED OUR DISCUSSIONS, WE CAN ALWAYS ADD A DAY AT THE END.

"AGAIN LET ME ASSURE YOU HOW PLEASED I AM THAT THIS  
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PROGRAM IS NOW UNDER WAY, AND THAT WE ARE EMBARKING ON WHAT I EXPECT TO BE A LONG FRIENDLY RELATIONSHIP BETWEEN THE ESFAHAN NUCLEAR TECHNOLOGY CENTER AND THE OAK RIDGE NATIONAL LABORATORY.

"WITH BEST REGARDS." END QUOTE.

2. DR. ZUCKER WOULD PREFER VISIT BE DELAYED APPROXIMATELY ONE WEEK FROM DATE OFFERED BY KHAZANEH. SUGGESTS ARRIVAL ON EVENING OF 7TH. PLEASE NOTIFY SOONEST IF KAZANEH AGREEABLE TO POSTPONEMENT. DETAILED ITINERARY WILL FOLLOW KHAZANEH REPLY.

3. TEAM WOULD ALSO APPRECIATE INFORMATION ON WHETHER TRAVEL HAS TO BE PERFORMED ON IRANIAN AIR LINE AND WHETHER FIRST CLASS TICKET CAN BE MADE AVAILABLE TO DR. ZUCKER WHO REQUIRES SUCH ACCOMMODATIONS FOR MEDICAL REASONS.

ROBINSON

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